

Work Order ID 151853

Wednesday, October 12, 2016 2:39:13 PM

151853

Page 1

Item ID: D206-802-030 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Crew Door Opener RH
Start Date: 10/12/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 10/19/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: em Date: 10/10/12 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr	OCT 13 2016	DAS 6 9-89						
IIN-D407-802-3	A								

100 Document Control 0.00
100 DOCUMENT CONTROL
DC Memo 0.00
Doc.Control -USB or Paperwork Photocopy bluefile and create labels per PPP D206-802-030 CHG002

DAS
27
9-89
OCT 20 2016

105 Pick Kit 0.00
105
Packaging Memo 0.00
Packaging

DAS
6
9-89
DAS
28
9-89
OCT 13 2016

110 QC4- 100% Inspect kits for completeness 0.01
110
QC Memo 0.00
Quality Control

DAS
27
9-89
OCT 20 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 151853***151853***

Page 2

Wednesday, October 12, 2016 2:39:13 PM

Item ID: D206-802-030

Accept

N900040100

Setup

Start

NS1

Revision ID:

Stop

NS2

Item Name: Crew Door Opener RH

Start Date: 10/12/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/19/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run

Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Packaging	0.00							
120									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPDD206-802-030								
	Location: _____								
	PPP rev: _____ PPP 151853								
130	QC21- Final Inspection - Work Order Release	0.02							
130									
QC	Memo	0.00							
Quality Control									

DAS
27
9-89

OCT 20 2016

16/10/2016
ME
16-10-20

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By 					
				Lead hand / Supervisor Approval Verification 					
				QC / QA Coordinator Approval 					

Root Cause			FAULT CATEGORY								
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____							
Misidentified	☐	Past Due	☐								

Picklist Print

Wednesday, October 12, 2016 2:39:13 PM

Page 1

Work Order ID: 151853

151853

Parent Item: D206-802-030

D206-802-030

Parent Item Name: Crew Door Opener RH

Start Date: 10/12/2016

Required Date: 10/19/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.12.03 as per dwg rev.A DD verf:EC IPP
REV:B 11-06-06 AS PER DSI9560 JLM VERIFIED BY:EC IPP Rev:C
12.07.30 AS PER ECN12-624 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3552-15 *D3552-15* Door Prop DAS 27 9-89		Manufactured	No			105	Each	4.0000	1	1		OCT 13 2016	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST363				4					
				140758				4					
D3622-5 *D3622-5* Ball Stud DAS 27 9-89		Manufactured	No			105	Each	5.0000	2	2		OCT 13 2016	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST046				5					
				129766				1					
				133920				4					
D4110-3 *D4110-3* Doubler, Sill DAS 27 9-89		Manufactured	No			105	Each	13.0000	1	1		OCT 13 2016	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST083				13					
				149781				13					
D4114-2 *D4114-2* Door Doubler, RH DAS 27 9-89		Manufactured	No			105	Each	5.0000	1	1		OCT 13 2016	AS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST084				5					
				149782				5					

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

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Page 2

Work Order ID: 151853

151853

Parent Item: D206-802-030

D206-802-030

Parent Item Name: Crew Door Opener RH

Start Date: 10/12/2016

Required Date: 10/19/2016

Start Qty: 1.00

Required Qty: 1.00

MS20426AD4-5

Purchased

No

105

Each

1,391.000

4

4

MS20426AD4-5

RIVET

**

OCT 13 2016

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

GA

1305

m133751

1305

ST312

86

m133751

86

MS20600-AD4W2

Purchased

No

105

Each

330.0000

32

32

MS20600-AD4W2

Rivet

**

OCT 13 2016

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

GA

203

m126475

6

m135058

47

m135127

150

ST308

127

m134762

127

MS21073L5

Purchased

No

105

Each

37.0000

2

2

MS21073L5

Anchor Nut

**

OCT 13 2016

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

ST298

37

m135058

37

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : _____			

Picklist Print

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Page 3

Work Order ID: 151853

151853

Parent Item: D206-802-030

D206-802-030

Parent Item Name: Crew Door Opener RH

Start Date: 10/12/2016

Required Date: 10/19/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0532R

Purchased

No

105

Each

500.0000

6

6

NAS1149C0532R

WASHER

**

OCT 13 2016

DAS
6 28
9-89 9-89

68-6
17
DAS

Location

Loc Qty

Loc Code

GA

60

116513

60

ST260a

200

m135390

200

ST266

240

m135671

224

m134756

16

NAS1149C0563R

Purchased

No

105

Each

396.0000

6

6

NAS1149C0563R

Washer

**

OCT 13 2016

DAS
6 28
9-89 9-89

68-6
17
DAS

Location

Loc Qty

Loc Code

ST265

396

m131697

396

MS27130-A26

Purchased

No

105

Each

29.0000

1

1

MS27130-A26

Rivnut

**

OCT 13 2016

DAS
6 28
9-89 9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST276

29

116521

29

Wednesday, October 12, 2016 2:39:13 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 151853

Thursday, October 13, 2016 8:31:12 AM

151853

Page 1

Item ID: D206-802-030**Accept*****N900040100*****Setup Start*****NS1*****Revision ID:****Stop *NS2*****Item Name:** Crew Door Opener RH**Start Date:** 10/12/2016 **Start Qty:** 1.00***1*****Cust Item ID:****Required Date:** 10/19/2016 **Req'd Qty:** 1.00***1*****Customer:****Reference:****Approvals:** **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____**Run Start*****NR1*****QC:** _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____**Stop*****NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D407-802-3	A

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D206-802-030 CHG002

*Label***DAS**
21
9-89

OCT 13 2016

105

Pick Kit

0.00

105

Packaging

Memo

0.00

Packaging

110

QC4- 100% Inspect kits for completeness

0.01

110

QC

Memo

0.00

Quality Control

5.0 PARTS LIST

5.1 D206-802-029/-030 Crew Door Opener Kits

Qty -029	Qty -030	Part Number	Description
1	1	D206-802-029	CREW DOOR OPENER KIT, LH
1	1	D206-802-030	CREW DOOR OPENER KIT, RH
1	1	D3552-15	DOOR PROP
1	1	D3622-5	BALL STUD
1	1	D4110-3	DOUBLER, SILL
1		D4114-1	DOOR DOUBLER, LH
	1	D4114-2	DOOR DOUBLER, RH
4	4	MS20426AD4-5	RIVET
32	32	MS20600AD4W2	RIVET
2	2	MS21073L5	ANCHOR NUT
1	1	MS27130-A26	RIVNUT
6	6	NAS1149C0532R	WASHER
6	6	NAS1149C0563R	WASHER

5.2 D206-802-031/-032 Passenger Door Opener Kits

Qty -031	Qty -032	Part Number	Description
1	1	D206-802-031	PASSENGER DOOR OPENER KIT, LH
1	1	D206-802-032	PASSENGER DOOR OPENER KIT, RH
1	1	D3552-17	DOOR PROP
1	2	D3622-5	BALL STUD
	1	D4112-1	AFT SILL DOUBLER
1	1	D4115-5	DOUBLER
1		D4115-041	LITTER DOOR BRACKET ASSY
3		CR3242-5-4	RIVET
2		CR3243-5-4	RIVET
2	4	MS20426AD4-5	RIVET
9	14	MS20600AD4W2	RIVET
1	2	MS21073L5	ANCHOR NUT
3	6	NAS1149C0532R	WASHER
3	6	NAS1149C0563R	WASHER